



# What Is 360 Degree Video?

360 Degree Video is a creative form of video content with immersive VR experience for users with the VR glasses on.

## LET'S FIND OUT MORE OF WHAT 360 DEGREE VIDEO IS?

The term has gained popularity recently with a whole new set of VR headsets and games.

The core idea of the video is 360 degree view and VR Google headset, which allows you to focus on the surroundings rather than a single principal object. It is believed that the fisheye lens is the ancestor of these type of videos that capture wide angles.



## WHAT IS 360 DEGREE VIDEO?

The 360 degree videos are the real application of virtual reality.

Meaning you can see both the sky and the ground of a 360 degree revolving video. Isn't it awesome? A 360 degree video is otherwise called as spherical or immersive videos, you will adapt yourself into what is being shown because you can see your real environments by turning the VR head.



## HOW TO MAKE A 360° DEGREE VIDEO?

You need a specialized omnidirectional camera to create a 360 degree video. As it simultaneously records things from every direction and merges them all to give the real immersive output experience. You need to have the right camera hardware to render 4K or full HD videos and to spend at least a \$300 to get your hands on a camera.



Youtube supports only four of them now: **Ricoh Theta S, Kodak SP 360, IC Real Tech Allie, and Giroptic 360 degree camera.**

The most widely used 360 degree video editor Software is Kolor Autopano.



MythBusters: Shark Shipwreck (360 Video)

## You Tube 360° DEGREE VIDEO

YouTube was first in bringing 360 degree support back in the mid-2015. Viewing 360 degree videos on YouTube is not as a Herculean task.

YouTube 360 degree video incorporated a navigation button (PC users) on the left top corner of the video screen to turn around. The mouse helps you navigate with a left click and drag in the video.

For smartphone users, I recommend buying a VR headset. Google Cardboard is available for a low price and it is easy to setup too.

Make sure your phone has a gyroscope sensor before you make the purchase.

## HOW TO UPLOAD 360 DEGREE VIDEOS ON YOUTUBE?

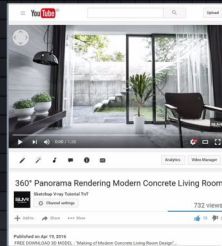
**Step 1:** First, you have to download the Metacast App. Both the Windows and Mac versions are available.

**Step 2:** On Windows what you get is a zipped file. Unzip the same and open the app. You can directly open the app from Mac.

**Step 3:** Opening the app will give you the option to open video. Browse for the 360 degree video you already created. Then, click Project and Save.

**Step 4:** As in every save file box, you need to give a name and press Save. It will create a new file in the same location of the original file.

**Step 5:** Upload the new file to YouTube. Sure, it will have enough metadata.



## FACEBOOK 360 DEGREE VIDEO?



Better late than never! That's why Facebook unleashed their 360 degree video support too. The company has grown so far with a subsidiary company called Oculus that manufactures Oculus Rift VR headset.

For uploading 360 degree videos to Facebook platform, one should ensure that the file contains Metacast. If not, you can use the same Metacast App I shared you with above.

**Note:- Facebook doesn't support 360 degree videos with more than 10 minutes duration and a size greater than 1.75 GB.**

## FINALLY – WRAPPING UP

Though I have talked only about 360 degree videos here, the immersive media technology has a broad scope in different fields. Facebook itself has launched Oculus Rift along with some perfect games that you can play in 360 degree experience.

YouTube developers are trying to support 360 degree videos in every possible way given that their editor softwares still lack it.

**So yeah, 360 degree videos and virtual reality is the technology in the future.**

